ABSTRACT

A system and method for reducing storage and transmission bandwidth requirements of a portable image capture device capable of establishing a communications connection on a network is disclosed. The method aspect of the present invention include assigning an image identifier to captured images uploaded to a server on a network, wherein each of the images are stored in an image file having a particular size. The size of each of the image files corresponding to the uploaded images on the image capture device may then be reduced, thereby reducing storage requirements. In response to a user request to apply an action to one of the uploaded images, only the image identifier of the image and the requested action are transmitted to the server, thereby eliminating the need to retransmit the image and reducing transmission bandwidth requirements.